

Mitigation Success Story

Utah's Mitigation Grant Programs 2003 – 2010

Mitigation is another way to say "relieve" or "alleviate". The general idea is to make a dangerous situation less risky, but what is Hazard Mitigation all about? In emergency management, hazards are natural, man-made or technological disasters. Hazard mitigation means reducing, eliminating, redirecting, or avoiding the effects of those hazards.

The standard definition of hazard mitigation that is often used by FEMA and UTDHLS is: "Any cost-effective action taken to eliminate or reduce the long-term risk to life and property from natural and technological hazards."

As evidence of mitigation's value, a 2005 Congressionally-mandated study by the Multihazard Mitigation Council (an advisory body of the National Institute of Building Sciences) concluded that cost-effective mitigation saves an average of four dollars for every dollar spent.

The Utah Division of Homeland Security administers three federal mitigation grant programs; Pre-Disaster Mitigation Program, Hazard Mitigation Grant Program, and Flood Mitigation Assistance Program

Pre-Disaster Mitigation Grant Program (PDM)

The Pre-Disaster Mitigation Grant Program (PDM) has become an integral part of FEMA's mitigation strategy. The PDM provide grants to States, Territories, Tribal governments, and communities so they can develop mitigation plans and implement mitigation activities before hazards strike. PDM's basic premise is to help communities build stronger and smarter.

To date, all States and Territories, and more than 16,000 communities, – involving approximately 64 percent of the Nation's population, have PDM-funded mitigation plans. These plans not only help communities focus on reducing vulnerability to hazards, they open the door for PDM "brick and mortar" grants that support a wide range of cost-effective mitigation activities, such as seismic retrofitting.

Pre-Disaster Mitigation Grant funding is currently being reauthorized and funded on a yearly basis. The PDM is administered with a base \$500,000 funding allocation for States that submit at least that amount in eligible applications. All remaining applications competed for the remaining PDM funds. A 25% cost share is required. *From 2003 – 2010 FEMA has made approximately \$800 million dollars available for the PDM nationwide*

Flood Mitigation Assistance Program (FMA)

FEMA also provides Flood Mitigation Assistance (FMA) funds to assist States and communities implement measures that reduce or eliminate the long-term risk of flood damage to buildings, manufactured homes, and other structures insured under the National Flood

Insurance Program. Congress allocated FMA funds on an annual basis to each State. A 25% cost share is required.

Hazard Mitigation Grant Program (HMGP)

The Hazard Mitigation Grant Program (HMGP) provides grants to States and local governments to implement long-term hazard mitigation measures after a major disaster declaration. The purpose of the HMGP is to reduce the loss of life and property due to natural disasters and to enable mitigation measures to be implemented during the immediate recovery from a disaster. A 25% cost share is required. The HMGP is authorized under Section 404 of the Robert T. Stafford Disaster Relief and Emergency Assistance Act.

Mitigation Grant Dollars Awarded to Utah 2003 – 2010

Grant(s)	Federal	State/Local Share	Total
Seismic (16)	\$14,808,151	\$16,423,596	\$31,231,747* Weber add
State/Local Planning (10)	\$1,648,650	\$649,134	\$2,297,784
Wildfire (2)	\$479,441	\$163,442	\$642,883
Flood (2)	\$279,515	\$158,056	\$437,571
DHLS Grant Mgt. (4)	\$617,589	\$206,627	\$824,216
TOTAL	\$17,833,346	\$17,600,855	\$35,434,201

PDM Grant Dollars Awarded to Utah – Year

PDM 2003

Grant	Federal	State/Local Share	Total
Marriott Library Seismic	\$2,994,038	\$12,519,111	\$15,513,149
DHLS Grant Mgt.	\$50,000	\$16,667	\$66,667
Total	\$3,044,038	\$12,535,778	\$15,579,816

PDM 2004/2005

Grant	Federal	State/Local Share	Total
Jordan Valley Water Seismic	\$1,791,750	\$597,250	\$2,389,000
Jordan Valley Water Seismic	\$489,000	\$163,000	\$652,000
Orem City Fire Seismic	\$75,000	\$25,000	\$100,000
Orem City Fire Seismic	\$75,000	\$25,000	\$100,000
Layton City Fire Seismic	\$268,608	\$89,536	\$358,144
Emigration Canyon Fire	\$180,663	\$60,221	\$240,884
U of U Plan	\$537,348	\$179,113	\$716,461
DHLS Grant Mgt	\$137,064	\$46,452	\$183,516
State Plan	\$131,187	\$50,660	\$181,847
Total	\$3,685,620	\$1,236,232	\$4,921,852

PDM 2006

Grant	Federal	State/Local Share	Total
Jordan Valley Water Seismic	\$1,639,500	\$541,500	\$2,181,000

Ogden City Fire Seismic	\$374,253	\$124,751	\$499,004
WFRC Plan	\$334,278	\$126,980	\$461,258
DHLS Grant Mgt.	\$107,560	\$35,853	\$143,413
Total	\$2,455,591	\$829,084	\$3,284,675

PDM 2007

Grant	Federal	State/Local Share	Total
Jordan Valley Water Seismic	\$2,040,000	\$680,000	\$2,720,000
BRAG/MAG Plan	\$187,507	\$62,502	\$250,009
SLC Leonardo Center	\$1,025,328	\$341,776	\$1,367,104
*DHLS Grant Mgt. (yet to be determined)			
Total	\$3,252,835	\$1,084,278	\$4,337,113

PDM 2008

Grant	Federal	State/Local Share	Total
Emigration Canyon Fire	\$298,778	\$103,221	\$401,999
Five County Plan	\$79,687	\$26,562	\$106,249
Weber Basin Water Plan	\$140,143	\$123,817	\$263,960
Washington County Flood	\$200,000	\$131,550	\$331,550
Total	\$718,608	\$385,150	\$1,103,758

PDM 2009

Grant	Federal	State/Local Share	Total
Brigham City Library Seismic	\$650,000	\$162,500	\$812,500
Midway Town Hall Seismic	\$542,325	\$243,823	\$786,148
DHLS Grant Mgt (yet to be determined)			
Total	\$1,192,325	\$406,323	\$1,598,648

PDM 2010* (all pre-award)

Grant	Federal	State/Local Share	Total
*Brigham City Senior Center	\$250,000	\$62,500	\$312,500
*Central Utah Water Seismic	\$1,684,300	\$561,500	\$2,245,800
*Weber Basin Structural	\$767,399	\$255,799	\$1,023,198
*Weber Basin Non Structural	\$91,650	\$30,550	\$122,200
*SE Regional Plan	\$75,000	\$25,000	\$100,000
*Six County Regional Plan	\$95,250	\$31,750	\$127,000
*Uintah Basin Regional Plan	\$68,250	\$22,750	\$91,000
**Synderville Basin Plan (plan cost be renegotiated)			
*DHLS Grant Mgt. (yet to be determined)			
*Total	\$3,031,849	\$989,849	\$4,021,698

TOTAL 2009	\$14,349,017	\$16,476,845	\$30,825,862
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***TOTAL WITH 2010**

\$17,380,866 \$17,466,694

\$34,847,560

FMA

HMGP 2005 – DR 1576



**University of Utah
Marriott Library
Seismic - PDM 2003**



**Jordan Valley Water Conservancy District
Filter Building and Filter Gallery
Seismic - PDM 2005**



**Orem City Fire Stations (2)
Seismic -PDM 2005**



**Emigration Canyon
Wildfire Mitigation – PDM 2005**



**Weber State University Student Union Building
Seismic – HMGP 2005**



**Jordan Valley Water Conservancy District
Chemical Building
Seismic – PDM 2006**



**Ogden City Fire Station
Seismic – PDM 2006**



**The Leonardo Center (Old) Salt Lake City
Library
Seismic – PDM 2006**



**Jordan Valley Water Conservancy District
Administration Buildings
Seismic – PDM 2007**



**Emigration Canyon
Wildfire Mitigation – PDM 2008**



**Tobin Wash – Washington County
Flood Control – LPDM 2009**



Brigham City Library
Seismic – LPDM 2009



Midway Town Hall
Seismic – PDM 2009



Weber Basin Water Conservancy District
Seismic Structural/Non Structural – PDM 2010

Central Utah Water Conservancy District
Seismic – PDM 2010

Price City
Flood Control – FMA 2006